



IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Nakajima & Nagasawa Conf.: 4838  
Appl. No.: 09/697,719 Group: 1638  
Filed: October 27, 2000 Examiner: D.H. Kruse  
For: METHOD FOR GIVING RESISTANCE TO WEED  
CONTROL COMPOUNDS TO PLANTS

LARGE ENTITY TRANSMITTAL FORM

Assistant Commissioner for Patents  
Washington, DC 20231

May 10, 2002

Sir:

Transmitted herewith is an amendment in the above-identified application.

☐ The enclosed document is being transmitted via the Certificate of Mailing provisions of 37 C.F.R. § 1.8.

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The fee has been calculated as shown below:

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TOTAL	79	-	79	=	0	\$ 18	\$0.00
INDEPENDENT	3	-	3	=	0	\$ 80	\$0.00
___ FIRST PRESENTATION OF A MULTIPLE CLAIM						\$270	\$0.00
						TOTAL	\$0.00

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- ☐ Petition for ( ) month(s) extension of time pursuant to 37 C.F.R. §§ 1.17 and 1.136(a). \$0.00 for the extension of time.
- ☒ No fee is required.
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- ☐ Please charge Deposit Account No. 02-2448 in the amount of \$0.00. This form is submitted in triplicate.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,  
BIRCH, STEWART, KOLASCH & BIRCH, LLP

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Appl. No.: 09/697,719 Group: 1638  
Filed: October 27, 2000 Examiner: D.H. Kruse  
For: METHOD FOR GIVING RESISTANCE TO WEED CONTROL  
COMPOUNDS TO PLANTS

AMENDMENT

Assistant Commissioner for Patents  
Washington, DC 20231

May 10, 2002

Sir:

In response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed April 11, 2002, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

IN THE SPECIFICATION:

Please replace the paragraph beginning on page 81, line 23, with the following rewritten paragraph:

--The inactive-type PPO is its variant having no capability of oxidizing protoporphyrinogen IX and having a specific affinity for protoporphyrinogen IX, and specific examples thereof include a PPO variant in which a region presumed to be FAD binding site of PPO (a region having the amino acid sequence GXGXXG (SEQ ID NO:77), wherein X is any amino acid, e.g., a region comprising the 63<sup>rd</sup> to 68<sup>th</sup> amino acids from the N-terminus of chloroplast localized PPO of mouse-ear cress (*Arapidopsis thaliana*) and having the amino acid

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